

CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Utility: Mission Springs Water District PWS ID: 3310008

System Type: Potable Audit Period: Calendar 2019

Utility Representation: Danny Friend (Director of Engineering and operations)

Validation Date: 6/28/2021 Call Time: 2.00 pm Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 74 Data Validity Band (Level): Band IV

ILI: 2.88 Real Loss: 60.96 (gal/conn/day) Apparent Loss: 7.01 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 8.1 %

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Tanmay Thakur Validator Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Validator Provided

Water Supplier Name: Mission Springs Water District

Water Supplier ID Number: 3310008

Water Audit Period: Calendar 2019

Water Audit & Water Loss Improvement Steps:

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Production meters can be tested and calibrated more frequently. More customer meter can be included in the testing/calibration program and not have approximation for customer meter inaccuracy in subsequent year. Average operating pressure can include reading pressure monitoring devices inside the district and not only the district boundary.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Executive Position

Signature

Date

Danny Friend

Director of Engr. And Ops



6/28/2021